



DON Marking Guide

IUID Center
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Center
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Outline

- Marking Guide Overview & Organization
- Scope of Applicability
- Using the Marking Guide

Overview

- The DON Marking Guide is relatively new (finished at the end of November 2010)
- Brings together many established resources pertinent to marking IUID symbols on legacy items
 - Major Automatic Identification and Data Capture (AI/DC) manufacturers
 - Government and aerospace user groups under a collaborative agreement with National Aeronautics and Space Administration (NASA) and the United States Coast Guard (USCG)
 - DoD and DON Policies
 - ISO and MIL standards
- The body of the document is 7 pages long
- Its 17 appendices are 33 pages long

Organization

Design and Execution

- Design
 - Policy
 - Environment
 - Robust data matrix marks
- Execution
 - Training
 - Management
 - Quality Assurance

Scope

DON Legacy Assets

- The intrusive mark problem
 - The randomness problem
- The emerging technology problem

Using the Marking Manual

Read before you design the marking process

- Applicable policies to exploit
- Surface problems/best practices
 - Curves
 - Roughness
 - Shine
- Environmental ruggedness
 - module size
- Explanation of marking methods their strengths and weaknesses

Questions

The Marking Manual is available at:

DoN IUID Website

https://acquisition.navy.mil/rda/home/acquisition_one_source/item_unique_identification_iuid



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<https://inavsea.nmci.mil>

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